

479426 TO 479429-continued

green above, pale beneath. Sterile flowers, deep purplish on underside of older flowers; more so than in most other plants observed locally. Growing in mixed woodland. Seed collected from one plant. Wild. Seed.

479429. JH-160-82. Japan. US National Arboretum. 51182. Collected September 25, 1982. SW slope of Mt. Iwo, Teshikaga-machi, Kawakami-gun, Hokkaido. Lat. 43 deg. 36' N, Long. 144 deg. 26' E. Snow cover 60cm per annum. Minimum temperature -25C. Shrub deciduous, 1.5-1.8m tall, multistemmed from base. Above branches many. Stems brown. Leaves bright green above. Sterile flowers, bracts rose-pink on reverse side when old. Growing in mixed woodland. Seed collected from several plants. Wild. Seed.

479430 TO 479431. *Hydrangea petiolaris* Sieb. & Zucc. (Saxifragaceae).

From Japan. Collected by Kawase, M.; Nielsen, D.; Meyer, F.; March, S.; Ohio Agricultural Research & Development Center; US National Arboretum; Wooster, Ohio; Washington, D.C.

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479430. JH-288-82. Japan. US National Arboretum. 51307. Collected October 06, 1982. Mori National Forest, Akaigawa, Mori-machi, Kayabe-gun, Hokkaido. 320m. Lat. 42 deg. 0' N, Long. 140 deg. 39' E. Snow cover for 2 days by 50cm or deeper. Minimum temperature -18C. Seed collected from one plant. Wild. Seed.

479431. JH-340-82. Japan. US National Arboretum. 51360. Collected October 09, 1982. Along Oirase, Yakeyama, Towada-machi, Aomori-ken, Honshu. 320m. Snow cover 2-3m, 58 days covered by 50cm or deeper. Minimum temperature -20C. Climber deciduous, woody with holdfast roots, 4.6m tall. Leaves green above, whitish beneath. Common in woodland along river. Seed collected from one plant. Wild. Seed.

479432. *Ilex crenata* Thunb. (Aquifoliaceae) Japanese holly.

From Japan. Collected by Kawase, M.; Nielsen, D.; Meyer, F.; March, S.; Ohio Agricultural Research & Development Center; US National Arboretum; Wooster, Ohio; Washington, D.C.

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- JH-36-82. Japan. US National Arboretum. 51056. Collected September 15, 1982. Arboretum, Teshio Forest, Toikanbetsu, Horonobe-cho, Teshio-gun, Hokkaido. Lat. 44 deg. 53' N, Long. 141 deg. 55' E. Snow cover 1-2m per